



# VIRTUAL PROCESS



Selected by Microsoft as one of the premier manufacturing software providers.

Virtual Process is an easy to implement cloud-based software system that manages a company's manufacturing and operational procedures and personnel.

Customers increase productivity, improve quality, and gain traceability and reporting functionality.

Below are examples of companies that have implemented Virtual Process:

## ***Using Virtual Process to build fully-automated test stations***

### **The Problem**

Company Z manufactures extremely expensive and sensitive acoustic equipment for home and professional use. Their products require stringent specifications and calibrations in order to meet the demanding expectations of their customers and to maintain their stellar reputation and brand.



Ensuring proper quality control is of paramount concern, and test and measurement equipment is required. However, automating test and measurement equipment, especially in light of the various product lines, was very costly and took several months, if not years, to automate and calibrate. Further complicating matters is that the Manufacturing Team is overseas from the Engineering Team.

## **The Solution**

The company installed Virtual Process on a few key test stations and stopped manually programming test stations for those select products.

Through the visual programming language of Virtual Process and the Smart Icons, the company immediately started to save time and money on those stations.

Specifically, the company reduced the time to build a test station from over 6 months down to under 2 weeks.

The high cost of creating the stations was nearly eliminated. Moreover, with the found time and ease of setting up a test station, the company expanded their testing to older neglected products.

With regard to the challenges caused by the multiple locations and disparate personnel, the cloud-based nature of Virtual Process eliminated them.

Updating test stations overseas is now simply a matter of pushing a button in one location and having it deployed in another.

No more DLL's to update or transfer via email or FTP; everything is simple and instantaneous. The company can even track, in real time, what is happening at any given test station, at any given stage of testing, anywhere in the world, from any location.

The company believes that its quality and traceability have gone up immeasurably and that the software has become an invaluable tool.